



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW109-3130-34-1-3
Job Sheet 190534



Part No: RBW109 3130-34-1-3

Job Qty: 1 pcs *4 PCS*

Part Name: Rod, Ø2-5/8 X 11-1/2



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/11/19

Job Tracking No:

Due Date: ~~3/15/19~~ *April 18*

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW109-3130-34-1 Rev.0 IPP Rev. A 19.02.11 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	SL-2500Y - 1	1 pcs	3/15/19	3/15/19	0.00	0.50	SL-2500Y - 1		<i>DL</i>
110	QC 2	1 pcs	3/15/19	3/15/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 54		
							QC 2 - 56		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
120	QC 8	1 pcs	3/15/19	3/15/19	0.00	0.00	QC 8 - 12		



Container No: S169797



Part: RBW109-3130-34-1-3

Job No: 190534

Serial No/Batch: S169797

Revision: 0

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 04/04/19

Plex 2/11/19 10:13 AM Dart.lajeunesse.marie

				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	D.E 19-04-07
				QC 8 - 9	
				QC 8 - 68	
125	Outsource - 4 - Anodize	1 pcs	3/15/19	GRO002-VC	04/09/2019 PL
126	Packaging 2-1 - Receive - B4B	1 pcs 4 pcs	3/15/19	0.00 0.00	Packaging 2 - 1 - B4B
					Packaging 2 - 2 - B4B
					Packaging 2 - 3 - B4B
					Packaging 2 - 5 - B4B
					Packaging 2 - 4 - B4B
					Packaging 2 - 6 - B4B
					Packaging 2 - 7 - B4B
					Packaging 2 - 8 - B4B
					Packaging 2 - 9 - B4B
					Packaging 2 - 10 - B4B
127	QC 6	1 pcs	3/15/19	0.00 0.00	QC 6 - 42
					QC 6 - 9
					QC 6 - 68
					QC 6 - 61
130	Packaging 3-1 - Stock - B4B	1 pcs	3/15/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
140	QC 21 - SA	1 pcs	3/15/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70

Part Op 100 - 1-Machine as per folio FC 656 FOLIO REV: AA DWG REV: 0 2-Deburr

Descriptions: 120 - Engrave T/N and/or P/N number using MARKTRONIC engraver as per DWG.

125 - -Issue P/O: 043156 -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -

Material type; 6061T6 -Certificate of Conformity is required

126 - C of C required.

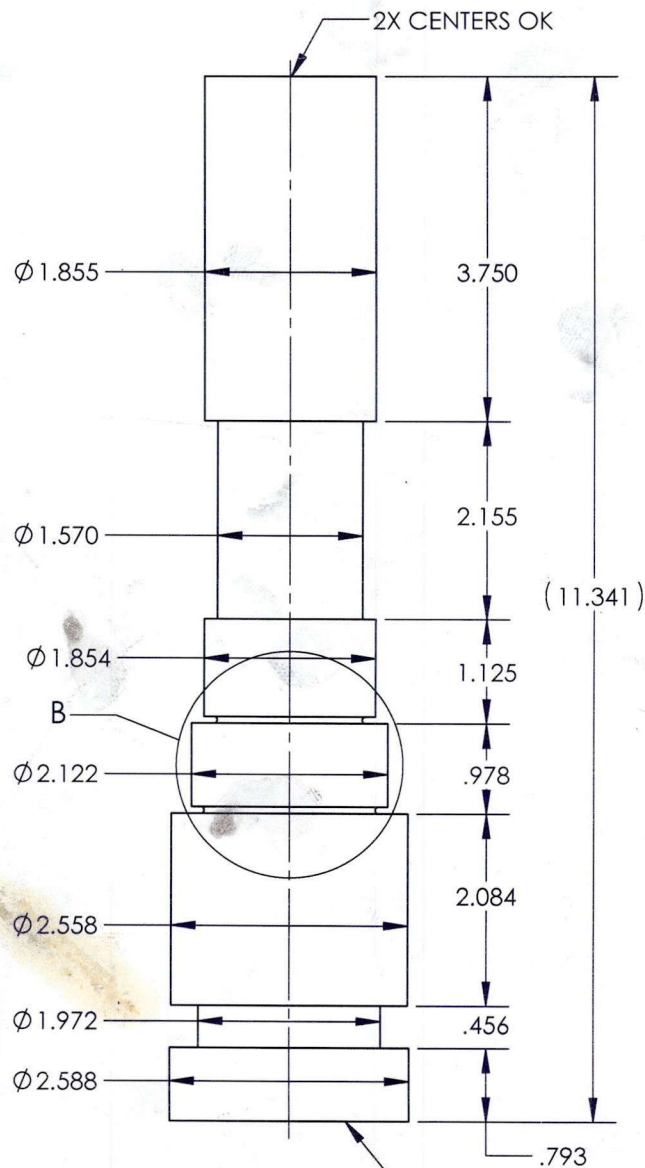
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M6061T6R2.750	6061-T6 Round Bar 2.750"	.9600 ft (.96 ea)	100-SL-2500Y - 1	5131150

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-SL-2500Y - 1	M6061T6R2.750	1	19	0

Part Specifications	
Specifications could not be found.	

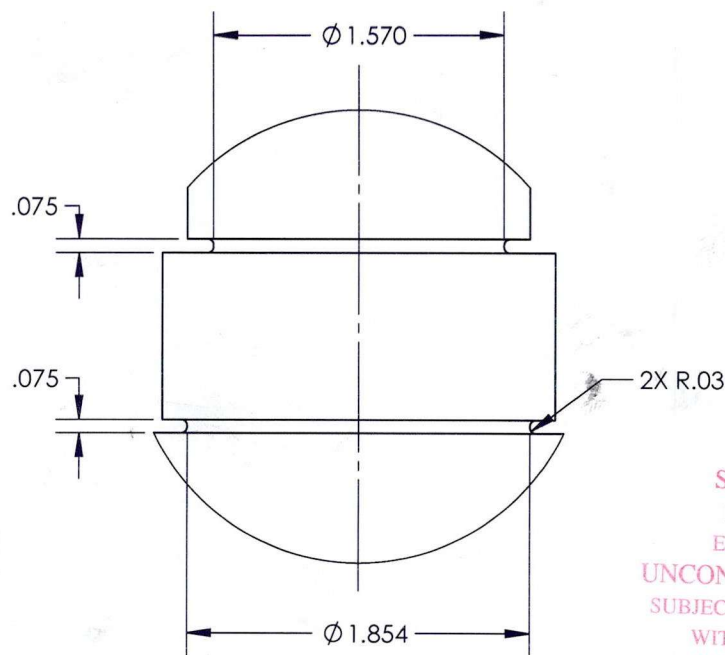
This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

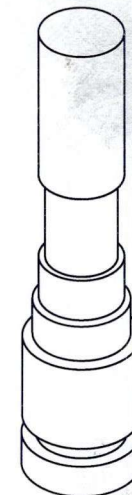


ENGRAVE T/N, S/N,
"MADE IN USA".

ENGRAVE RBW109-3130-34-1-3



DETAIL B
SCALE 1:1



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 190534 MJS
190211

RED BARN MACHINE	
TITLE ADAPTER, T/R YOKE BUSHING INSTL.	
DWG NO. RBW109-3130-34-1-3	REV
MAT'L 6061	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45°	USED ON MODEL
OR .015R	AW109
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 5/20/2013
SHEET 3 OF 3	

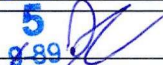
MJS APR 28/19

DART AEROSPACE LTD		Work Order:	190534
Description:		Part Number:	
Inspection Dwg:	Rev:	Page 1 of 1	

INSPECTION SHEET

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø 2.589	+/- .005	2.5885	✓		Micrometer	
Ø 1.972		1.9735	✓		↓	
Ø 2.558		2.5585	✓			
Ø 2.122		2.1223	✓			
Ø 1.854		1.855	✓			
Ø 1.570		1.5705	✓		↓	
Ø 1.855		1.8558	✓		Micrometer	
.793		.794	✓		Caliper	
.456		.456	✓			
2.034		2.033	✓			
.978		.978	✓			
1.125		1.125	✓			
2.155		2.152	✓			
3.750		3.753	✓			
11.341		11.3425	✓		↓	
View B						
Ø 1.854	+/- .005	1.855	✓		Caliper	
Ø 1.570	+/- .005	1.571	✓		Caliper	
.075	+/- .005	0.075 .075	✓			
.075	+/- .005	.075	✓		dowell Pin	
2XR.03	+/- .01	.062	✓			

DAS

Measured by:	5 	Checked by:	D.C.	QC Inspector:	
Date:	4/4/2019	Date:	19-04-07	Date:	

Engineering Approval: (If necessary)		Date:	
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Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
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K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO043150



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO043150

PO Date: 4/9/19

Due Date: 4/15/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189386	C45-2-1	Sideplate - MRK Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	4/15/19	3 pcs	0 pcs	3 pcs	\$6.00/pcs	\$18.00
APR 15 2019 DP											

Line Item Note *** RUSH - RUSH - RUSH ***
PLEASE DELIVER ASAP

2	192209	C45-9-1	Clock Spring Cover -Issue P/O; -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	4/15/19	17 pcs	0 pcs	17 pcs	\$6.00/pcs	\$102.00
APR 15 2019 DP											

Line Item Note *** NEED BACK APRIL 18,2019 ***



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PURCHASE ORDER

PO043150



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	190534	RBW109-3130-34-1-3	Rod, Ø2-5/8 X 11-1/2 -Issue P/O; -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed X4	-	4/15/19	4 pcs	0 pcs	4 pcs	\$30.00/pcs	\$120.00
DAS 40 9-89 APR 15 2019 DP											

Line Item Note *** NEED BACK APRIL 18,2019 ***

4	192395	RB877212-08-21	Cap, Ø2 x 1-3/8 -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed X6	-	4/15/19	6 pcs	0 pcs	6 pcs	\$20.00/pcs	\$120.00
APR 15 2019 DP											

Line Item Note *** NEED BACK APRIL 18,2019 ***



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PURCHASE ORDER

PO043150



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	190616	20NR-10	Spacer (note: please use the BLUE ones with 8NR and the GOLD ones with 20NR) (Outsource process-Anodize per QSI017 4.1.10.1)-Issue P/O to GROUPE ALTECH; PO -ANODIZE COLOR GOLD, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061 -Certificate of Conformity is required	Firmed X1	-	4/15/19 APR 15 2019	1 pcs	0 pcs DP	1 pcs	\$12.00/pcs	\$12.00
Line Item Note *** NEED BACK APRIL 18,2019 ***											
	191265			Firmed	-	4/15/19	9 pcs	0 pcs	9 pcs	\$12.00/pcs	\$108.00
Sub Total:							10	0	10		\$120.00
										Grand Total:	\$480.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 4/10/19 8:40 AM dart.Lussier.Patrick



Certificat de Conformité / Certificate of Compliance



2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

018363- 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
11-Apr-2019		SVETLANA DORZHIYEVA		043150				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Quantités / Quantities				
				Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	C45-2-1 Rev.	C45-2-1 01 -ANO-BLACK [ANODIZE BLACK] MIL-A-8625F TYPE 2 CLASS 2	ANODIZE CH	3	3	0	0	0
2	C45-9-1 Rev.	C45-9-1 01 -ANO-BLACK [ANODIZE BLACK] MIL-A-8625F TYPE 2 CLASS 2	ANODIZE CH	17	17	0	0	0
3	RBW109-3130-34-1-3 Rev.	RBW109-3130-34-1-3 01 -ANO-CLEAR [ANODIZE CLEAR] MIL-A-8625F TYPE 2 CLASS 1	ANODIZE CH	4	4	0	0	0
4	RB877212-08-21 Rev.	RB877212-08-21 01 -ANO-RED [ANODIZE RED] MIL-A-8625F TYPE 2 CLASS 2	ANODIZE CH	6	6	0	0	0
5	20NR-10 Rev.	20NR-10 01 -ANO-GOLD [ANODIZE GOLD] MIL-A-8625F TYPE 2 CLASS 2	ANODIZE CH	1	1	0	0	0
6	20NR-10 Rev.	20NR-10 01 -ANO-GOLD [ANODIZE GOLD] MIL-A-8625F TYPE 2 CLASS 2	ANODIZE CH	9	9	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.